

NON-NUCLEOSIDIC COUMARIN DERIVATIVES AS POLYNUCLEOTIDE-CROSSLINKING AGENTS

ABSTRACT OF THE DISCLOSURE

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Novel coumarin derivatives comprising a coumarin moiety linked to a non-nucleosidic backbone moiety are disclosed. The resulting molecules are typically used as photoactivate crosslinking groups when incorporated into polynucleotides as replacements for one or more of the complementary nucleoside bases present in probes
10 used in procedures involving nucleic acid hybridization reactions.